AGING
TAKEN
NOT CODED

2587

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2587	036	10	14	74	21AN	3436	7632

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0002	21	21	22	031	Y	SW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	PR.	SA	E	FT	070	—	14	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	01578	0000	0000	00060

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	34° 37'	76° 32'	1767	4854	2		1408	1409
							PU	ON
FINISH	34° 38'	76° 31'	1755	4856	2		1439	1443

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA: No ground cable
75	909/5 2	50	#41 Yankee 73' leg lines

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

21.0°C bottom Temp - 3 fms Also 21.0 Top

OBSERVATIONS

Averaged 3 fms (18 FT) for Tow - Added 1 fm.

R/V DAN MOORE SPECIES LIST

STA. NO. 2587 DATE 14 Oct 1974 BIOLOGISTS BFH, ABP

TOT.CATCH WT. 1638 Finfish: 1578 Crust.: — Moll.: — Other 60

AIR 22°C SURFACE 21°C BOTTOM 21°C

21AN

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS Factor = 7.856
23 baskets total					
Subsample					
55					
56					
53					
164 => $\bar{X}$ = 54.7	=> 23 × 54.7 = 1257#				
Dasyatis centroura		1	350		Additional
Flounder			31#		Additional
			381		
		+	1257		
			1638	TOTAL WEIGHT	
SUBSAMPLE (3 baskets = 164#)					
Leiostomus xanthurus		292	96#	✓754lbs – 342.4 KG	Length frequency
F.L. 22, 21, 22, 21, 20,	23, 20, 22, 22, 22	20, 17, 22, 23, 23,		22, 20, 19, 21, 16	23, 22, 22, 20, 20,
(cm) 22, 22, 19, 21, 21	22, 20, 25, 23, 22,	20, 20, 21, 19, 20		20, 21, 22,	21, 23, 20, 19, 19, 15, 20
				lbs	Kg
Stenotomus caprinus		100	9.5#	75	33.9
Peprilus triacanthus		77	9#	71	32.1
Pomatomus saltatrix		57	16#	126	57.1
Menticirrhus americanus		16	6#	47	21.4
Dasyatis sp.		3	8#	63	28.5
Raja eglanteria		2	.7 Kg		
Sphoeroides maculatus		1	.18 KG		
Etropus sp.		1	.1 KG		
Micropogon undulatus		10	1.1 KG	19	8.6
Larimus fasciatus		1	.16 KG		
Centropristis philadelphicus		2	.26 KG		
Selene vomer		1	.04 KG		
Vomer setapinnis		1	.02 KG		
Orthopristis chrysoptera		19	1.4 KG		
Caranx fusus		1	.04 KG		Kept for ID
Peprilus alepidotus		11	.64 KG		
Chaetodipterus faber		3	.1 KG		
Cynoscion regalis		3	.34 KG		
Torpedo nobiliana		1	.86 KG		
Prionotus tribulus		1	.2 KG		
Limulus polyphemus		2	.7 KG.	6.84 Kg	
Astroscopus guttatus					
			Total =	72.44 Kg 159.49 lbs	

October, 1974 Species. Paralichthys Lethostigma (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
10-1L	465	♀	✓	8.8	—			II	2589	
10-2L	355	♂	✓	—	—			—	2603	
10-3L	386	♀	✓	6.9	—			III	2607	
10-4L	426	♀	✓	11.5	—			III	2602	
10-5L	312	♂	✓	—	—			—	2614	
10-6L	415	♀	✓	5.2	—			II	2610	Broken down
10-7L	504	♀	✓	13.3	—			II	2587	
10-8L	364	♂	✓	—	—			—	2595	
10-9L	503	♀	✓	15.8	—			III	2608	
10-10L	476	♀	✓	15.[illegible]	—			II	2601	
10-11L	500	♀	✓	20.2	—			III	2601	
10-12L	420	♀	✓	8.4				I or II	2601	

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October 1974 Paralichthys lethostigma

Specimen	TL	SEX	NO. RINGS	RADIUS	
10-1L	465	♀	3	63	1-23 2-34 3-53
10-2L	355	♂	2	55	1-14 2-43
10-3L	386	♀	1	57	1-43
10-4L	426	♀	3	63	1-23 2-40 3-53
10-5L	312	♂	3	54	1-20 2-43 3-50
10-6L	415	♀	1	61	1-50 POOR
10-7L	504	♀	3	66	1-26 2-44 3-58
10-8L	364	♂	3	51	1-18 2-28 3-46
10-9L	503	♀	2	57	1-27 2-52
10-10L	476	♀	2	tip broken	1-27 2-54
10-11L	500	♀	3	68	1-20 2-36 3-55
10-12L	420	♀	-	-	OTOLITH DETERIORATED

Otoliths from first sheet.

Species: Paralichthys dentatus (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
10-1026	302	♀	✓	1.6	—			I	2616✓	Area IV
10-1027	262	♂	✓	—	—			—	〃	
10-1028	252	♂	✓	—	—			—	2620✓	Area IV
10-1029	225	♂	✓	—	—			—	2587✓	Oct '74 Area IV
10-1030	262	♀	✓	—	—			I	〃	
10-1031	216	♀	✓	—	—			I	〃	
10-1032	233	♂	✓	—	—			—	〃	
10-1033	254	♂	✓	—	—			—	〃	
10-1034	240	♀	✓	—	—			I	〃	
10-1035	267	♂	✓	—	—			—	〃	
10-1036	196	♀	✓	—	—			I	〃	
10-1037	248	♂	✓	—	—			—	〃	
10-1038	227	♀	✓	—	—			I	〃	
10-1039	227	♂	✓	—	—			—	〃	
10-1040	251	♀	✓	—	—			I	〃	
10-1041	224	♂	✓	—	—			—	〃	
10-1042	293	♀	✓	—	—			I	〃	
10-1043	207	♂	✓	—	—			—	〃	
10-1044	237	♂	✓	—	—			—	〃	
10-1045	261	♂	✓	—	—			—	〃	
10-1046	207	♀	✓	—	—			I	〃	
10-1047	269	♀	✓	—	—			I	〃	
10-1048	276	♂	✓	—	—			—	〃	
10-1049	322	♀	✓	2.5	—			I	〃	
10-1050	238	♂	✓	—	—			—	〃	
10-1051	270	♂	✓	—	—			—	〃	
10-1052	248	♂	✓	—	—			—	〃	
10-1053	261	♀	✓	—	—			I	〃	
10-1054	252	♀	✓	—	—			I	〃	
10-1055	234	♂	✓	—	—			—	〃	
10-1056	205	♀	✓	—	—			I	〃	
10-1057	256	♀	✓	—	—			I	〃	
10-1058	262	♀	✓	—	—			I	〃	
10-1059	328	♀	✓	1.6	—			I	〃	
10-1060	359	♀	✓	3.9	—			II	〃	
10-1061	287	♂	✓	—	—			—	〃	
10-1062	263	♀	✓	—	—			I	〃	
10-1063	242	♀	✓	—	—			I	〃	
10-1064	320	♂	✓	—	—			—	〃	
10-1065	345	♀	✓	3.2	—			I or II	〃	
10-1066	264	♀	✓	—	—			I	〃	
10-1067	294	♀	✓	—	—			I	〃	
10-1068	363	♀	✓	3.5	—			I or II	〃	
10-1069	241	♀	✓	—	—			I	〃	
10-1070	245	♂	✓	—	—			—	〃	

Species: Paralichthys dentatus (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
10-1071	207	♂	✓	—	—			—	2589 ✓	Oct '74
10-1072	258	♂	✓	—	—			—	〃	Area IV
10-1073	322	♀	✓	2.2	—			I	〃	
10-1074	271	♂	✓	—	—			—	〃	
10-1075	367	♂	✓	—	—			—	〃	
10-1076	389	♀	✓	4.3	—			II or II	〃	
10-1077	362	♀	✓	3.7	—			II or II	〃	
10-1078	211	♂	✓	—	—			—	〃	
10-1079	254	♀	✓	—	—			I	〃	
10-1080	229	♂	✓	—	—			—	〃	
10-1081	222	♀	✓	—	—			I	〃	
10-1082	313	♀	✓	—	—			I	〃	
10-1083	189	♂	✓	—	—			—	〃	
10-1084	260	♂	✓	—	—			—	〃	
10-1085	260	♂	✓	—	—			—	〃	
10-1086	287	♀	✓	—	—			I	〃	
10-1087	202	♂	✓	—	—			—	〃	
10-1088	231	♀	✓	—	—			I	〃	
10-1089	262	♂	✓	—	—			—	〃	
10-1090	200	♀	✓	—	—			I	2609	✓ Area IV
10-1091	263	♂	✓	—	—			—	〃	
10-1092	263	♀	✓	—	—			I	〃	
10-1093	276	♀	✓	—	—			I	〃	
10-1094	273	♂	✓	—	—			—	〃	
10-1095	282	♀	✓	—	—			I	〃	
10-1096	267	♂	✓	—	—			—	〃	
10-1097	315	♀	✓	—	—			I	〃	
10-1098	290	♂	✓	—	—			—	〃	
10-1099	277	♂	✓	—	—			—	〃	
10-1100	305	♀	✓	—	—			I	〃	
10-1101	275	♀	✓	—	—			I	〃	
10-1102	229	♂	✓	—	—			—	〃	
10-1103	279	♂	✓	—	—			—	〃	
10-1104	248	♀	✓	—	—			I	〃	
10-1105	289	♀	✓	—	—			I	〃	
10-1106	280	♀	✓	—	—			I	〃	
10-1107	302	♀	✓	—	—			I	〃	
10-1108	332	♀	✓	3.8	—			I	〃	
10-1109	301	♀	✓	—	—			I	〃	
10-1110	269	♀	✓	—	—			I	〃	
10-1111	313	♀	✓	—	—			I	〃	
10-1112	279	♀	✓	—	—			I	〃	
10-1113	310	♀	✓	—	—			I	〃	
10-1114	314	♀	✓	—	—			I	〃	
10-1115	332	♂	✓	—	—			—	〃	
10-1116	302	♀	✓	—	—			I	〃	
10-1117	330	♀	✓	—	—			I	〃	

October, 1974 Species: Paralichthys Albigutta (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Ova-dia.	Age	Gonad Stage	Station Number	Remarks
10-1A	323	♀	✓	1.7	—			I	2589	
10-2A	330	♀	✓	1.2	—			I	2591	
10-3A	282	♂	✓	—	—			—	2594	
10-4A	286	♀	✓	0.8	—			I	2603	
10-5A	290	♂	✓	—	—			—	2623	
10-6A	285	♂	✓	—	—			—	"	
10-7A	278	♂	✓	—	—			—	2602	
10-8A	299	♂	✓	—	—			—	2594	
10-9A	241	♂	✓	—	—			—	"	
10-10A	252	♀	✓	—	—			I	"	
10-11A	473	♀	✓	18.0	—			III	2618	ovaries deteriorated
10-12A	300	♀	✓	1.0	—			I	2604	
10-13A	272	♀	✓	—	—			I	2604	
10-14A	332	♀	✓	1.7	—			I	2587	
10-15A	291	♂	✓	—	—			—	2592	
10-16A	294	♂	✓	—	—			—	"	
10-17A	239	♀	✓	—	—			I	"	
10-18A	318	♀	✓	1.2	—			I ?	"	
10-19A	363	♀	✓	3.7	—			I or II ?	"	
10-20A	299	♂	✓	—	—			—	2591	
10-21A	310	♀	✓	1.9				I	2601	
10-22A	2?0	♀		0.4	—			I	2604	

October, 1974   Species: Paralichthys Albigutta (1974-1975)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
10-1A	323	♀	✓	1.7	—			I	2589	
10-2A	330	♀	✓	1.2	—			I	2591	
10-3A	282	♂	✓	—	—			—	2594	
10-4A	286	♀	✓	0.8	—			I	2603	
10-5A	290	♂	✓	—	—			—	2623	
10-6A	285	♂	✓	—	—			—	〃	
10-7A	278	♂	✓	—	—			—	2602	
10-8A	299	♂	✓	—	—			—	2594	
10-9A	241	♂	✓	—	—			—	〃	
10-10A	252	♀	✓	—	—			I	〃	
10-11A	473	♀	✓	18.0	—			III	2618	ovaries deterinated
10-12A	300	♀	✓	1.0	—			I	2604	
10-13A	272	♀	✓	—	—			I	2604	
10-14A	332	♀	✓	1.7	—			I	2587	
10-15A	291	♂	✓	—	—			—	2592	
10-16A	294	♂	✓	—	—			—	〃	
10-17A	239	♀	✓	—	—			I	〃	
10-18A	318	♀	✓	1.2	—			I ?	〃	
10-19A	363	♀	✓	3.7	—			I or II ?	〃	
10-20A	299	♂	✓	—	—			—	2591	
10-21A	310	♀	✓	1.9				I	2601	
10-22A	270	♀		0.4	—			I	2604	

2587